

United States Patent and Trademark Office

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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

12/01/2003

SAMUEL W. APICELLI DUANE, MORRIS & HECKSCHER LLP 305 NORTH FRONT STREET P.O. BOX 1003 HARRISBURG, PA 17108-1003 EXAMINER

ATKINSON, CHRISTOPHER MARK

ART UNIT PAPER NUMBER

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3753 DATE MAILED: 12/01/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONTENT
09/852,322	05/09/2001	Poton M. Dura'		CONFIRMATION NO.
TITLE OF BUJEVENOVA D		Peter M. Dussinger	H1799-00071	5603

TITLE OF INVENTION: INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$300	\$965	03/01/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL



Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u>

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLIC

- International Control Control)113.			otification g a new co	of maintenance fees	quired). Blocks I through 4 will be mailed to the curren ss; and/or (b) indicating a ser	should be completed when t correspondence address a parate "FEE ADDRESS" for
CURRENT CURRESPONDEN	JRRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 7590 12/01/2003				Note: A certificate of mailing can only be used for domestic mailings of t Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mutave its own certificate of mailing or transmission.		
SAMUEL W. AI DUANE, MORRI 305 NORTH FRO P.O. BOX 1003 HARRISBURG, P	S & HECKSCHER LI NT STREET	_P			C I hereby certify that States Postal Service addressed to the M	ertificate of Mailing or Tran this Fee(s) Transmittal is beir with sufficient postage for fi- ail Stop ISSUE FEE address PTO, on the date indicated be	smission ng deposited with the Unite rst class mail in an envelop
	71 17100-1003			ļ			(Depositor's name
							(Signature
	T			L			(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	D INVENT	OR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/852,322	05/09/2001			Dussinger		H1799-00071	5603
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EXAM	INER	APTIN				3403 T	03/01/2004
ATKINSON, CHRI			ART UNIT		ASS-SUBCLASS		
		3753		1	65-104260		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or 1							
Address form PTO/SB/12	nce address (or Change of C 2) attached.	Correspondence	agents OR	t, alternati ing as a m	vely, (2) the name	of a single	
PTO/SB/47; Rev 03-02 or Number is required.	firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			ered natent			
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	(print or t	Ima)		
PLEASE NOTE: Unless of	in assignee is identified bel- to the USPTO or is being s	ow, no assignee da ubmitted under sep	ta will appea arate cover. (r on the pa Completion	=	ssignee data is only appropriat a substitute for filing an assig JNTRY)	e when an assignment has grunent.
Please check the appropriate a	ssignee category or categor	ies (will not be prin	ited on the na	itent)-	I Lindividual		
4a. The following fee(s) are en	nclosed:		Payment of F		□ individual □ co	orporation or other private gro	up entity U government
☐ Issue Fee					t of the fee(s) is encl	losed	
☐ Publication Fee					d. Form PTO-2038		
☐ Advance Order - # of Co	opies	t	→ The Direct	or is herel	y authorized by ch	arge the required fee(s), or cr	edit anv overnavment to
Director for Patents is requeste	ed to apply the Issue Fee and						
(Authorized Signature)		(Date)					
NOTE: The Issue Fee and I other than the applicant; a interest as shown by the recon	rds of the United States Pate	it; or the assignee ent and Trademark	or other par Office.	rty in			
This collection of informatio obtain or retain a benefit by application. Confidentiality is estimated to take 12 minutes completed application form case. Any comments on the suggestions for reducing this Patent and Trademark Off 22313-1450. DO NOT SEND TO: Commissioner for Under the Panerwork Reduction	on is required by 37 CFR I the public which is to file governed by 35 U.S.C. 12: to complete, including gad to the USPTO. Time will end amount of time you recommend to the USPTO. The will burden, should be sent to itee, U.S. Department of ID FEES OR COMPLET! Patents, Alexandria, Virgin Patents, Alexandria, Virgin Act of 1905, page 1907.	.311. The informal (and by the USP' 2 and 37 CFR 1.14. tering, preparing, a vary depending upuire to complete the Chief Informa Commerce, Alexandre 1 FORMS TO Total 22313-1450.	tion is requir TO to proces This collecti and submittin oun the indiv this form a tion Officer, xandria, Vir THIS ADDR	red to ss) an ion is g the idual ind/or U.S. ginia ESS.			
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305 NORTH FRON	IT STREET			
P.O. BOX 1003			ART UNIT	PAPER NUMBER
HARRISBURG, PA	17108-1003		3753	
			DATE MAILED: 12/01/2003	I

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 510 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 510 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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DATE MAILED: 12/01/2003

APPLICATION NO.	Bu Dia -			
AFFLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/852,322	05/09/2001	Peter M. Dussinger	H1799-00071	5603
75	12/01/2003		EVAN	INPR
SAMUEL W. APICELLI			EXAMINER	
DUANE, MORRIS & HECKSCHER LLP			ATKINSON, CHRISTOPHER MARK	
305 NORTH FROM P.O. BOX 1003	NT STREET		ART UNIT	PAPER NUMBER
HARRISBURG, PA	A 17108-1003	3753		

Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a)).........\$240.00 By other than a small entity......\$480.00

(c) Issue fee for issuing a plant patent:

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.